

STNjk

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal612bxr

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 DEC 01 ChemPort single article sales feature unavailable
NEWS 3 APR 03 CAS coverage of exemplified prophetic substances
enhanced
NEWS 4 APR 07 STN is raising the limits on saved answers
NEWS 5 APR 24 CA/CAPLUS now has more comprehensive patent assignee
information
NEWS 6 APR 26 USPATFULL and USPAT2 enhanced with patent
assignment/reassignment information
NEWS 7 APR 28 CAS patent authority coverage expanded
NEWS 8 APR 28 ENCOMPLIT/ENCOMPLIT2 search fields enhanced
NEWS 9 APR 28 Limits doubled for structure searching in CAS
REGISTRY
NEWS 10 MAY 08 STN Express, Version 8.4, now available
NEWS 11 MAY 11 STN on the Web enhanced
NEWS 12 MAY 11 BEILSTEIN substance information now available on
STN Easy
NEWS 13 MAY 14 DGENE, PCTGEN and USGENE enhanced with increased
limits for exact sequence match searches and
introduction of free HIT display format
NEWS 14 MAY 15 INPADOCDB and INPAFAMDB enhanced with Chinese legal
status data
NEWS 15 MAY 28 CAS databases on STN enhanced with NANO super role in
records back to 1992
NEWS 16 JUN 01 CAS REGISTRY Source of Registration (SR) searching
enhanced on STN
NEWS 17 JUN 26 NUTRACEUT and PHARMAML no longer updated
NEWS 18 JUN 29 IMSCOPROFILE now reloaded monthly
NEWS 19 JUN 29 EPFULL adds SLART to AB, MCLM, and TI fields
NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that
specific topic.

Updated Search

STNjk

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 11:05:18 ON 06 JUL 2009

```
=> file reg
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                               ENTRY      SESSION
FULL ESTIMATED COST          0.22      0.22
```

FILE 'REGISTRY' ENTERED AT 11:05:23 ON 06 JUL 2009

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```
STRUCTURE FILE UPDATES:      3 JUL 2009  HIGHEST RN 1160786-08-2
DICTIONARY FILE UPDATES:     3 JUL 2009  HIGHEST RN 1160786-08-2
```

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

```
=>
Uploading C:\Documents and Settings\brobinson1\My Documents\e-Red
Folder\10539531\hjk.str
```

L1 STRUCTURE UPLOADED

```
=> s l2
L2 NOT FOUND
The L-number entered has not been defined in this session, or it
has been deleted. To see the L-numbers currently defined in this
session, enter DISPLAY HISTORY at an arrow prompt (=>).
```

```
=> s l1
SAMPLE SEARCH INITIATED 11:10:19 FILE 'REGISTRY'
```

Updated Search

STNjk

SAMPLE SCREEN SEARCH COMPLETED - 479 TO ITERATE

100.0% PROCESSED 479 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 8267 TO 10893
PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> s ll full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 11:10:23 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 9621 TO ITERATE

100.0% PROCESSED 9621 ITERATIONS 15 ANSWERS
SEARCH TIME: 00.00.01

L3 15 SEA SSS FUL L1

=> file hcaplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 189.24 189.46

FILE 'HCAPLUS' ENTERED AT 11:10:26 ON 06 JUL 2009
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FILE COVERS 1907 - 6 Jul 2009 VOL 151 ISS 2
FILE LAST UPDATED: 5 Jul 2009 (20090705/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009
USCPO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2009

HCAPlus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

Updated Search

STNjk

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d 13, ibib abs fhitstr, 1-15

YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:y

'IBIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

'ABS' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

'FHITSTR' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN
SAM - Index Name, MF, and structure - no RN
FIDE - All substance data, except sequence data
IDE - FIDE, but only 50 names
SQIDE - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD - Protein sequence data, includes RN
SQD3 - Same as SQD, but 3-letter amino acid codes are used
SQN - Protein sequence name information, includes RN

EPROP - Table of experimental properties
PPROP - Table of predicted properties
PROP - EPROP, ETAG, PPROP and SPEC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract
APPS -- Application and Priority Information
BIB -- CA Accession Number, plus Bibliographic Data
CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND -- Index Data
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

Updated Search

STNjk

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.

HELP FORMATS -- To see detailed descriptions of the predefined formats.

ENTER DISPLAY FORMAT (IDE):end

=> d his

(FILE 'HOME' ENTERED AT 11:05:18 ON 06 JUL 2009)

FILE 'REGISTRY' ENTERED AT 11:05:23 ON 06 JUL 2009

L1 STRUCTURE UPLOADED

L2 2 S L1

L3 15 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 11:10:26 ON 06 JUL 2009

FILE 'REGISTRY' ENTERED AT 11:10:37 ON 06 JUL 2009

FILE 'HCAPLUS' ENTERED AT 11:10:40 ON 06 JUL 2009

=> s l3, ibib abs fhitr, 1-15

13740 'L3'

16 IBIB

252676 ABS

3 ABSES

252679 ABS

(ABS OR ABSES)

0 FHITSTR

10211702 1

1908411 15

L4 0 L3, IBIB ABS FHITSTR, 1-15

('L3'(W)IBIB(W)ABS(W)FHITSTR(W)1(W)15)

=> s l3

L5 1 L3

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

8.55

201.34

FILE 'REGISTRY' ENTERED AT 11:12:23 ON 06 JUL 2009

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STRUCTURE FILE UPDATES: 3 JUL 2009 HIGHEST RN 1160786-08-2
DICTIONARY FILE UPDATES: 3 JUL 2009 HIGHEST RN 1160786-08-2

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predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>

Uploading C:\Documents and Settings\brobinson1\My Documents\e-Red
Folder\10539531\adsfa.str

L6 STRUCTURE UPLOADED

=> s l6

SAMPLE SEARCH INITIATED 11:14:41 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 110 TO ITERATE

100.0% PROCESSED 110 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1571 TO 2829
PROJECTED ANSWERS: 0 TO 0

L7 0 SEA SSS SAM L6

=> s l6 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 11:14:46 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2261 TO ITERATE

100.0% PROCESSED 2261 ITERATIONS 7 ANSWERS
SEARCH TIME: 00.00.01

L8 7 SEA SSS FUL L6

=> d his

(FILE 'HOME' ENTERED AT 11:05:18 ON 06 JUL 2009)

FILE 'REGISTRY' ENTERED AT 11:05:23 ON 06 JUL 2009

L1 STRUCTURE UPLOADED
L2 2 S L1

Updated Search

STNjk

L3 15 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 11:10:26 ON 06 JUL 2009

FILE 'REGISTRY' ENTERED AT 11:10:37 ON 06 JUL 2009

FILE 'HCAPLUS' ENTERED AT 11:10:40 ON 06 JUL 2009

L4 0 S L3, IBIB ABS FHITSTR, 1-15

L5 1 S L3

FILE 'REGISTRY' ENTERED AT 11:12:23 ON 06 JUL 2009

L6 STRUCTURE UPLOADED

L7 0 S L6

L8 7 S L6 FULL

=> s l8 not l3

L9 7 L8 NOT L3

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

187.32

388.66

FILE 'HCAPLUS' ENTERED AT 11:14:55 ON 06 JUL 2009

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FILE COVERS 1907 - 6 Jul 2009 VOL 151 ISS 2

FILE LAST UPDATED: 5 Jul 2009 (20090705/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2009

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2009.

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<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l9

L10 1 L9

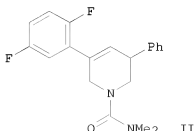
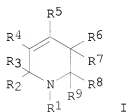
Updated Search

STNjk

=> d l10, ibib abs fhistr, 1
THE ESTIMATED COST FOR THIS REQUEST IS 5.64 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L10 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2009 ACS ON STN
ACCESSION NUMBER: 2004:566537 HCAPLUS
DOCUMENT NUMBER: 141:123568
TITLE: Preparation of tetrahydropyridine derivatives as mitotic kinesin inhibitors
INVENTOR(S): Fraley, Mark E.; Garbaccio, Robert M.
PATENT ASSIGNEE(S): Merck & Co., Inc., USA
SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004058148	A2	20040715	WO 2003-US40126	20031216
WO 2004058148	A3	20040916		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2509212	A1	20040715	CA 2003-2509212	20031216
AU 2003297230	A1	20040722	AU 2003-297230	20031216
EP 1581497	A2	20051005	EP 2003-814073	20031216
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
JP 2006516140	T	20060622	JP 2004-563641	20031216
US 20060058327	A1	20060316	US 2005-539531	20050617
PRIORITY APPLN. INFO.:			US 2002-435102P	P 20021220
			WO 2003-US40126	W 20031216
OTHER SOURCE(S):	MARPAT 141:123568			
GI				



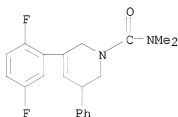
STNjk

AB The title compds. I [R1 = (C1-C6-alkylene)n-X-R, (n = 0 or 1; X = CO, SO₂, NH, etc.; R = (cyclo)alkyl, alkenyl, alkynyl, aryl, amino group, etc.), aryl, heterocyclyl, or alkyl; R2, R3, R6, R8, R9 = H, carboxyalkyl, O-perfluoroalkyl, oxo, OH, halo, CN, etc.; R4, R7 = (substituted)(cyclo)alkyl, (substituted)aryl, (substituted)heterocyclyl; R5 = H, alkyl, alkenyl, alkynyl, CN, halo, COOH, alkylamino, alkylhydroxy] were prepared for treating cellular proliferative diseases, and disorders associated with KSP kinesin activity, and for inhibiting KSP kinesin. For example, compound II was prepared in a multi-step synthesis starting from 2-amino-1-phenethanol. The compound of the invention was found to have kinase inhibitory activity with IC₅₀ ≤ 15 μM in the kinesin ATPase In Vitro assay.

IT 723335-80-6P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of tetrahydropyridine derivs. as mitotic kinesin inhibitors)

RN 723335-80-6 HCAPLUS

CN 1(2H)-Pyridinecarboxamide, 5-(2,5-difluorophenyl)-3,6-dihydro-N,N-dimethyl-3-phenyl- (CA INDEX NAME)



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	22.74	411.40
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.82	-0.82

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STRUCTURE FILE UPDATES: 3 JUL 2009 HIGHEST RN 1160786-08-2
DICTIONARY FILE UPDATES: 3 JUL 2009 HIGHEST RN 1160786-08-2

Updated Search

STNjk

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<http://www.cas.org/support/stngen/stdoc/properties.html>

=>

Uploading C:\Documents and Settings\brobinson1\My Documents\e-Red Folder\10539531\araerw.str

L11 STRUCTURE UPLOADED

=> s l11

SAMPLE SEARCH INITIATED 11:19:37 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2864 TO ITERATE

69.8% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 54070 TO 60490
PROJECTED ANSWERS: 0 TO 0

L12 0 SEA SSS SAM L11

=> s l11 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 11:19:41 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 57691 TO ITERATE

100.0% PROCESSED 57691 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.03

L13 0 SEA SSS FUL L11

=>

Uploading C:\Documents and Settings\brobinson1\My Documents\e-Red Folder\10539531\asdfa.str

L14 STRUCTURE UPLOADED

=> s l14

SAMPLE SEARCH INITIATED 11:21:43 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2864 TO ITERATE

Updated Search

STNjk

69.8% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 54070 TO 60490
PROJECTED ANSWERS: 0 TO 0

L15 0 SEA SSS SAM L14

=> s l14 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 11:21:48 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 57691 TO ITERATE

100.0% PROCESSED 57691 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.02

L16 0 SEA SSS FUL L14

Updated Search